TECHNICAL EXHIBIT
APPLICATION FOR CONSTRUCTION PERMIT
PAXSON HOUSTON LICENSE, INC.
STATION KPXB (TV)
CONROE, TEXAS

June 2, 2000

CH 49 5000 KW-DA 535 M

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Technical Narrative

This Technical Exhibit supports an application to make changes in the analog (NTSC) operation of station KPXB(TV) on channel 49 at Conroe, Texas (FCC Facility ID 58835).

Station KPXB is currently licensed (BLCT-930427KE) to operate with a directional antenna (DA) system. The maximum visual effective radiated power (ERP) is 4270 kilowatts (kW). The antenna height above average terrain (HAAT) is 359 meters. The transmitter site coordinates are 30-15-45, 95-14-47.

Station KPXB proposes to move its transmitter site, change the directional antenna system, increase visual ERP and increase antenna HAAT. It is proposed to move the KPXB transmitting facilities to the tall tower employed by stations KKHT(FM) on channel 295C and KTBU(TV) on channel 55, both licensed to Conroe, Texas. The coordinates of the KKHT/KTBU tower are 30-13-53, 95-07-26. The proposed site is located 12.3 kilometers (7.6 miles)

east of the current site. The FCC antenna registration number for the KKHT/KTBU tower is 1042449. It is proposed to side-mount a new directional antenna system on the tower with the center of radiation located 530.4 meters (1740 feet) above ground level (AGL), 567.2 meters (1861 feet) above mean sea level (AMSL). The proposed KPXB antenna HAAT will be 535 meters (based on use of a 3 second digitized terrain database). The proposed KPXB maximum visual ERP will be 5000 kW.

Figure 1 is a sketch of antenna for the proposed KPXB operation.

Figure 2 provides information concerning the proposed KPXB directional antenna system. The major lobe of the directional pattern will be oriented toward 230 degrees True. The antenna system will incorporate an electrical beam tilt of 0.75 degree.

There are no known authorized full service AM stations within 5 kilometers (3 miles) of the proposed KPXB site. The following is a list of known authorized full service FM and TV stations within 16 kilometers (10 miles) of the proposed KPXB site.

Station	Chan.	Bearing	Distance
KKHT(FM), Conroe, TX	295C	0 deg.	0.0 km
KSBJ(FM), Humble, TX	207C1	130	4.1
KTBU(TV), Conroe, TX	55	0	0.0

Although no adverse electromagnetic impact is expected, the applicant recognizes its responsibility to correct

problems which are a result of its proposed operation.

The proposed KPXB site is more than 1600 kilometers from the closest point of the Canadian border. The proposed KPXB site is more than 500 kilometers from the closest point of the Mexican border. The closest FCC monitoring station is at Kingsville, Texas, approximately 410 kilometers to the southwest. The proposed KPXB site is outside the National Radio Quiet Zone (VA/WVA), the closest point being 1570 kilometers to the northeast. The closest point of the Table Mountain Radio Quiet Zone (CO) is approximately 1430 kilometers to the northwest. The closest radio astronomy site operating on TV channel 37 is at Fort Davis, Texas, approximately 840 kilometers to the west. These separations are sufficient to not be a concern for coordination and interference purposes.

Figure 3 is a map showing the predicted City Grade (80 dBu), Grade A (74 dBu) and Grade B (64 dBu) contours for the proposed KPXB operation. The extent of the contours has been calculated using the normal FCC prediction method. The Conroe city limits were derived from information contained in the 1990 U.S. Census for Texas. The population within the predicted Grade B contour is based on 1990 Census information. The US land area within the predicted Grade B contour is based on the use of a computer algorithm.

Allocation studies have been conducted to pertinent digital television (DTV) allotments and assignments, and analog (NTSC) assignments. With respect to DTV allotments and assignments on channels 48, 49 and

50, interference calculations have been made using the procedures outlined in the FCC's OET-69 Bulletin and a 1 square kilometer grid.[1] The following is a summary of the calculated interference population caused by the proposed KPXB analog operation to pertinent surrounding DTV assignments.

Station	Channel	Service Population	Interference Population
KNVA, Austin, TX (Allot)	DTV-49	1,005,000	277 (0.03%)
KNVA-DT, Austin (App)	DTV-49	1,100,000	207 (0.02%)
WNTZ, Natchez, MS (Allot)	DTV-49	178,000	0
WNTZ-DT, Natchez (App)	DTV-49	340,000	0
KBMT, Beaumont, TX(Allot)	DTV-50	650,000	25 (0.00%)
KBMT-DT, Beaumont (App)	DTV-50	573,000	0
KCEN, Temple, TX (Allot)	DTV-50	1,090,000	0
KCEN-DT, Temple (CP)	DTV-50	735,000	0

As shown above, the proposed KPXB operation complies with the FCC's interference standards with respect to DTV assignments and allotments.

The proposed KPXB operation was studied with respect to surrounding analog (NTSC) assignments. Figure 4 includes a separation study for analog channel 49 at the proposed KPXB site. The proposed KPXB site meets the FCC's minimum separation requirements to all the other pertinent analog assignments except station KITU on channel *34 at Beaumont, Texas and station KTMD on channel 48 at Galveston, Texas. Waiver of the FCC's separation

[1] The duTreil, Lundin & Rackley, Inc. DTV interference analysis program is based on the program and procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. A nominal grid size resolution of 1 km was employed. An Alpha based processor computer system was employed. The results have been found to be in very close agreement with the results of the FCC implementation of OET Bulletin No. 69.

requirement is respectfully requested for these two short-spacings. Support for the waiver request is provided below.

Station KPXB desires to improve its service to the market within which it is located. Station KPXB examined the possibility of increasing the antenna height at its current site through consultations with an aeronautical consultant (Mr. John Allen). The applicant was advised that greater height did not appear achievable at its current site, and it was suggested relocating to the vicinity of the KKHT/KTBU tall tower (i.e., the proposed site).

The separation from the proposed KPXB site to KITU is 117.3 kilometers. The FCC's normal minimum requirement for the 15 channel (picture image) condition is 119.9 kilometers (i.e., 2.6 km or 1.6 mi short). The FCC has granted waivers of greater magnitude in the past, some of which are noted below.

Stations	Channels	Separation	Short
WKYU-TV, Bowling Green, KY WHTN, Murfreesboro, TN	24 39	109.1 km	10.8 km
WTIU, Bloomington, IN WKPX-TV, Louisville, KY	30 15	103.6	16.3
KWEX-TV, San Antonio, TX KPXL, Uvalde, TX	41	84.7	35.2
WRET-TV, Spartanburg, SC WAXN, Kannapolis, NC	49 64	108.1	11.8

The desired-to-undesired (D/U) interference ratio specified in the FCC's low power television (LPTV) rules (Section 74.705) for the -15 channel (picture image) condition is -6 dB. In other words, the interfering signal must be more than 6 dB stronger than the desired signal for interference to be predicted. The D/U interference ratio for the -15 channel condition specified in the FCC's OET-69 Bulletin in -9 dB. Sheet 5 of Figure 4 is a map showing the predicted KITU Grade B (64 dBu) desired contour. The map includes the predicted 70 dBu (i.e., D/U of -6 dB) and 73 dBu (i.e., D/U of -9 dB) interfering contours from the proposed KPXB operation (5000 kW-DA, 535 m). The map also provides the 70 dBu and 73 dBu interfering contours from an assumed maximum facility KPXB operation at the present site (5000 kW-ND, 610 m). The separation from the present KPXB site to KITU is 129.3 kilometers, more than 9 kilometers greater than the FCC's minimum separation requirement (119.9 km). As shown, regardless of the D/U interference ratio employed, the proposed KPXB operation will have less interference impact (less contour overlap) with KITU than would an assumed maximum facility operation at the properly spaced current KPXB site.

The procedures outlined in the FCC's OET-69 Bulletin with a 1 square kilometer grid were used to determine the calculated interference caused to KITU from the proposed KPXB operation (5000 kW-DA, 535 m) and from an assumed maximum facility operation at the present KPXB site (5000 kW-ND, 610 m). The proposed KPXB operation causes calculated interference to 1,179 people within the KITU analog service area. This interference population (1,179 people) represents 0.2% of the KITU analog service population (541,270 people). The assumed maximum facility KPXB operation at the present site causes

interference to 3,616 people (0.7%) within the KITU analog service area. The proposed KPXB operation causes less interference to KITU than would a maximized operation at the current KPXB site.

The separation from the proposed KPXB site to KTMD is 85.4 kilometers. The FCC's normal minimum separation requirement for adjacent channel UHF stations is 87.7 kilometers (i.e., 2.3 km or 1.4 mi short).

The D/U interference ratio specified in the FCC's LPTV rules for the UHF 1 channel (adjacent channel) condition is -15 dB. In other words, the interfering signal must be more than 15 dB stronger than the desired signal for interference to be predicted. The D/U interference ratio specified in the FCC's OET-69 Bulletin for interference to the lower adjacent channel station is -13 dB. Sheet 6 of Figure 4 is a map showing the predicted KTMD Grade B (64 dBu) contour. The map includes the predicted 79 dBu (D/U of -15 dB) and 77 dBu (D/U of -13 dB) interfering contours from the proposed KPXB operation (5000 kW-DA, 535 m) and an assumed maximum facility KPXB operation at the present site (5000 kW-ND, 610 m). The separation from the present KPXB site to KTMD is 88.3 kilometers, 0.6 kilometer more than the FCC's minimum requirement (87.7 km). Regardless of the D/U interference ratio employed, the proposed KPXB operation will have less adjacent channel interference impact on KTMD (less net contour overlap) than would an assumed maximum facility operation at the properly spaced current KPXB site.

The D/U interference ratio specified in the FCC's OET-69 Bulletin for interference to the upper adjacent channel

station is -3 dB. Sheet 7 of Figure 4 shows the predicted Grade B (64 dBu) contours for the proposed KPXB operation (5000 kW-DA, 535 m) and the assumed maximum facility operation (5000 kW-ND, 610 m) at the present KPXB site. The map includes the predicted KTMD 79 dBu (D/U of -15 dB) and 67 dBu (D/U of -3 dB) interfering contours. The proposed KPXB operation is subject to less interference impact (less net contour overlap) from KTMD than would an assumed maximum facility operation at the properly spaced current KPXB site.

The procedures outlined in the FCC's OET-69 Bulletin with a 1 square kilometer grid were used to determine the calculated interference caused to KTMD from the proposed KPXB operation (5000 kW-DA, 535 m) and an assumed maximum facility operation (5000 kW-ND, 610 m) at the current KPXB site. The proposed KPXB operation causes calculated interference to 131,919 people within the KTMD analog service area. The assumed maximum facility KPXB operation at the present site causes interference to 147,010 people, over 15,000 more people than for the proposed KPXB operation.

The present KPXB operation (4270 kW-DA, 359 m) causes calculated interference to 111,279 people within the KTMD analog service area. As noted above, the proposed KPXB operation (5000 kW-DA, 535 m) causes calculated interference to 131,919 people within the KTMD analog service area. The additional interference caused by the proposed operation (20,640 people) represents 0.6% of the KTMD analog service population (3,461,103 people).

The proposed KPXB operation will serve significantly more population and area than the present KPXB operation. The

following provides the estimated population and area within the predicted City Grade (80 dBu), Grade A (74 dBu) and Grade B contours for the present and proposed KPXB operations.

KPXB Operation	Contour	Population	Area
Present	City Grade	1,444,143	6,577 sq km
	Grade A	2,346,695	9,469
	Grade B	3,381,980	16,239
Proposed	City Grade	2,247,802	11,125
	Grade A	3,120,972	15,518
	Grade B	3,662,533	26,710

Using the procedures outlined in the FCC's OET-69 Bulletin, the calculated interference free analog service has been determined for the present and proposed KPXB operations. Only authorized analog and DTV stations (i.e., license and CP, no applications), and DTV allotments were considered. The following is a summary of the result.

	Present Population	Proposed Population
Within analog service area	3,335,414	3,633,545
After consideration of terrain	3,335,414	3,631,655
Interference from NTSC (KTMD)	1,103,589	419,319
Additional interference from DTV	27	6,459
Resulting analog service	2,231,798	3,205,877

The proposed KPXB operation will provide service to over

974,000 more people than the present KPXB operation.

It is recognized that the proposed KPXB analog operation will be somewhat temporary because of the industry's transition to DTV.

Based on the foregoing, a waiver of the FCC's separation requirement with respect to stations KITU and KTMD is respectfully requested.

The FCC's list of LPTV stations requesting Class A status was examined for potential impact with the proposed KPXB operation. Co-channel (i.e., Ch.49) stations were studied within 400 kilometers of the proposed KPXB site. Adjacent channels (i.e., +/- 1 channel) and "taboo" channels (i.e., +/- 2, 3, 4, 7, 8, 14 and 15 channels) within 160 kilometers were studied. He following is the list of LPTV stations requesting Class A status that were studied.

KRHD-LP, Channel 34, Bryan, TX
KLNM-LP, Channel 42, Lufkin, TX
K46CM, Channel 46, Beaumont, TX
KBVO-LP, Channel 49, Austin, TX
K49DV, Channel 49, Beeville-Refugio, TX
K53FV, Channel 53, Houston, TX
KHMV-LP, Channel 56, Houston, TX

Interference calculations were made using the procedures outlined in the FCC's OET-69 Bulletin with a 1 square kilometer grid. No calculated interference would be caused by the proposed KPXB operation to the above LPTV stations requesting Class A status. In addition, none of the LPTV stations requesting Class A status will cause calculated

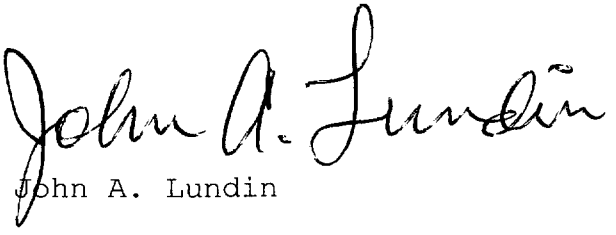
interference to the proposed KPXB operation. It is believed the proposed KPXB operation does not result in any Class A TV impact.

The proposed KPXB facilities were evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the proposed KPXB antenna is located 530.4 meters above ground level. The maximum visual ERP is 5000 kW, and an aural ERP of 22% (1100 kW) has been assumed. A conservative relative field value of 0.1 is assumed for the antenna's downward radiation (see Figure 2). The calculated power density at a point 2 meters (6.6 feet) above ground level is 0.0037 mW/cm^2. This is less than 0.2% of the FCC's recommended limit of 2.28 mW/cm^2 for channel 49 and a "controlled" environment. The calculated power density is less than 1% of the FCC's recommended limit for an "uncontrolled" environment.

Access to the transmitting site will be restricted and appropriately marked with warning signs. As this will be a multi-user site, there will be an agreement among the users. In the event that workers or other authorized personnel enter restricted areas or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down. The proposed KPXB operation appears to be otherwise categorically excluded

from environmental processing.

If there are questions concerning the technical portion of this application, please contact the office of the undersigned.



John A. Lundin

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237

(941) 329-6000

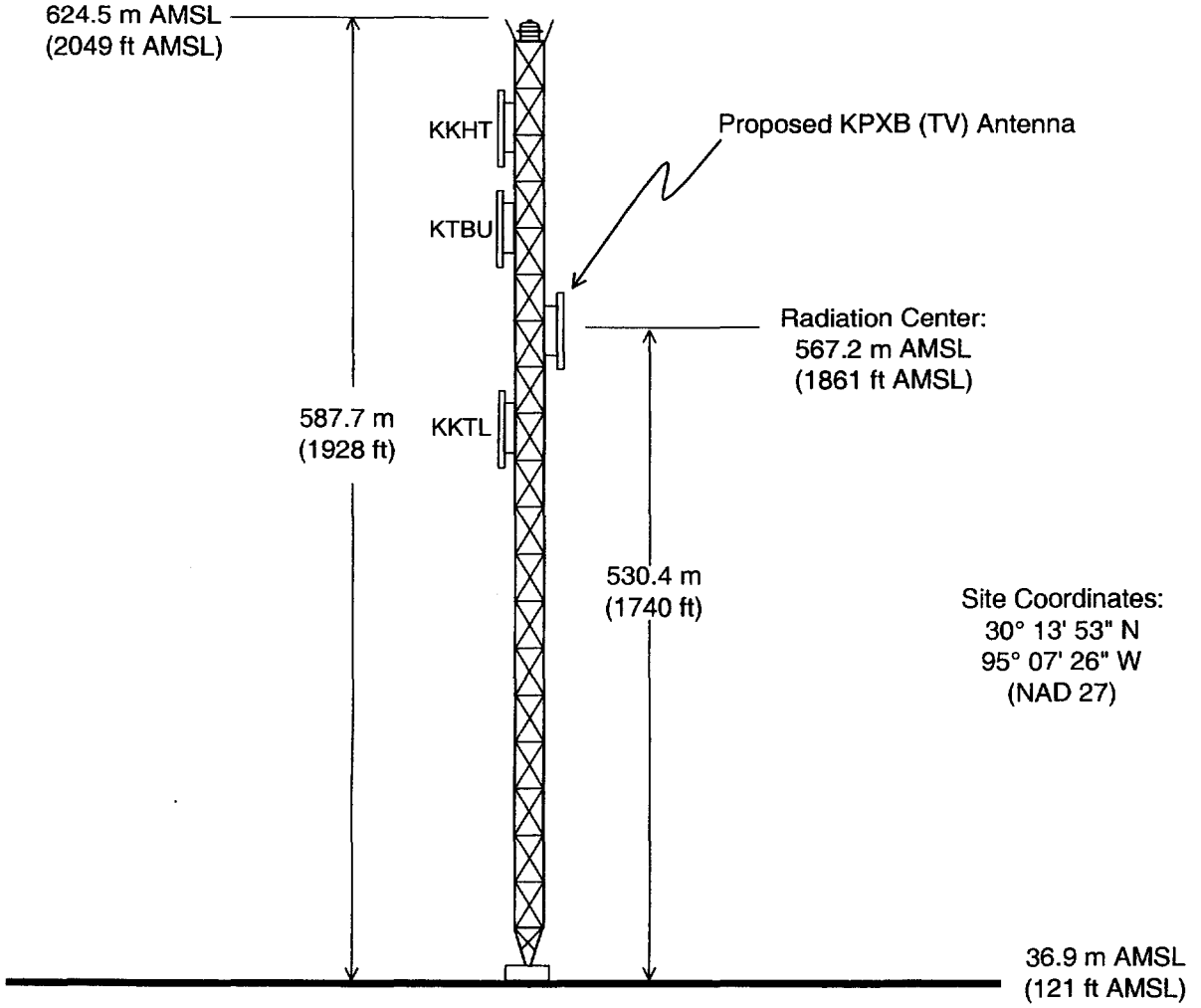
June 2, 2000

Figure 1

Tower Reg. No. 1042449

CONSULTING ENGINEERS SINCE 1941

JUNE 2000



PROPOSED ANTENNA AND SUPPORTING STRUCTURE

STATION KPXB

CONROE, TEXAS

CH 49 5000 KW-DA 535 M

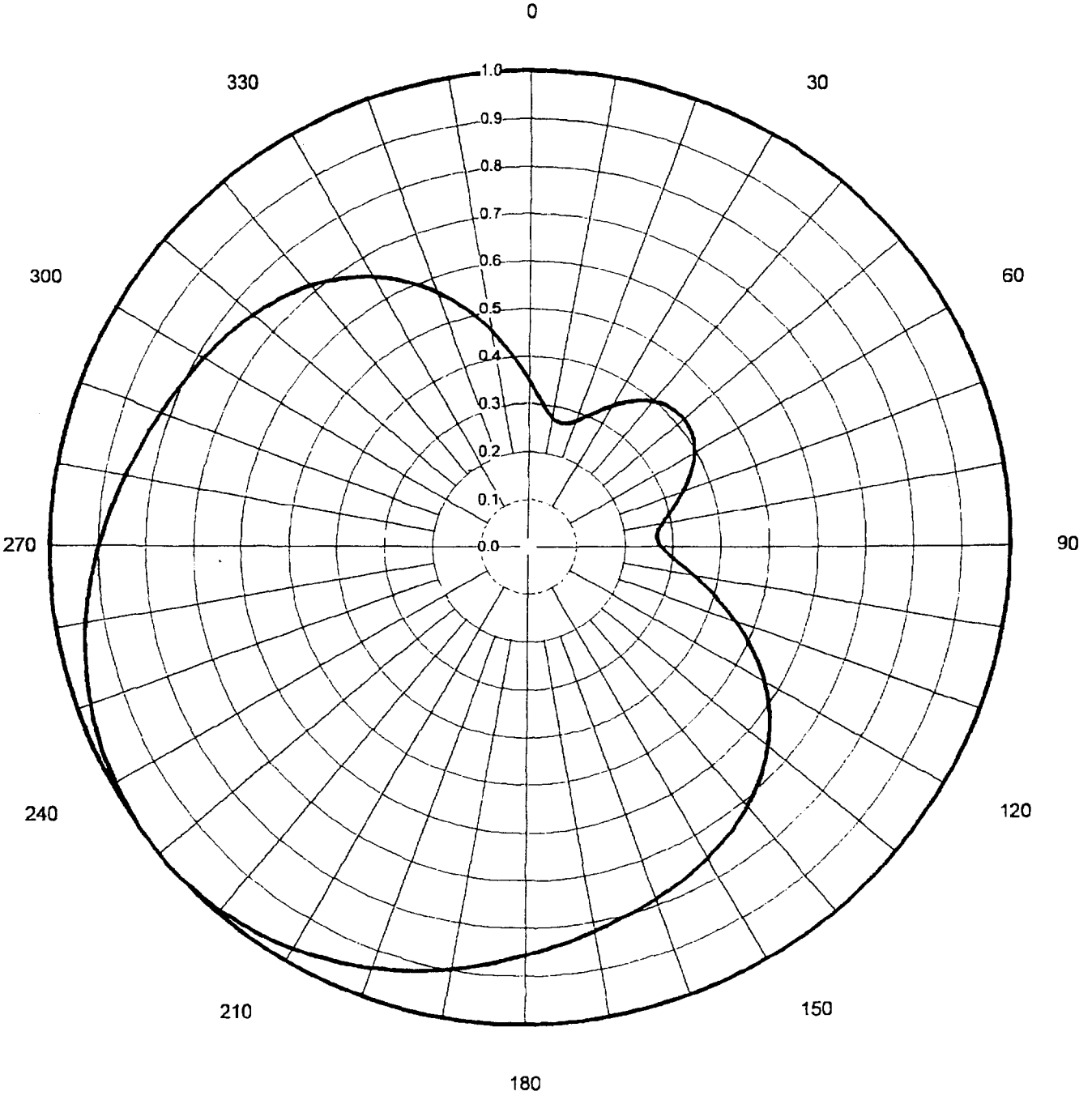
du Treil, Lundin & Rackley, Inc., Sarasota, Florida

Dielectric

Proposal Number	**DCA-8745**		
Date	**31-May-00**		
Call Letters	**KPXB**	Channel	**49**
Location	**Conroe, TX**		
Customer			
Antenna Type	**TFU-33JSC-R S200SP**		

AZIMUTH PATTERN

Gain	**2.00**	**(3.01 dB)**	Frequency	**683.00 MHz**
Calculated / Measured	**Calculated**		Drawing #	**TFU-S200SP-49**



Dielectric

Proposal Number	DC. 3745	Figure 2 Sheet 2 of 4
Date	31-May-00	
Call Letters	KPXB	Channel 49
Location	Conroe, TX	
Customer	Paxson Communications	
Antenna Type	TFU-33JSC-R S200SP	

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: **TFU-S200SP-49**

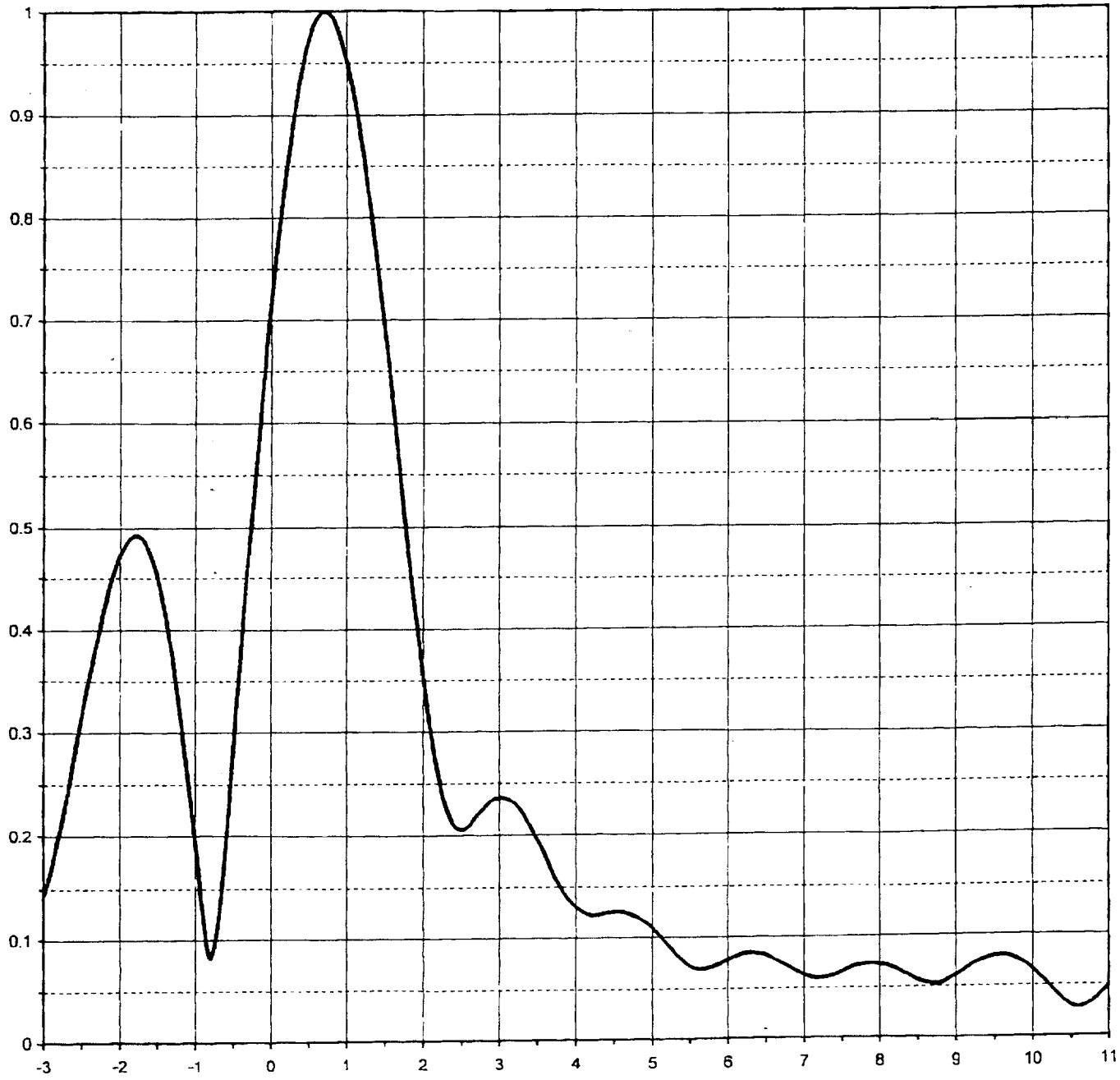
Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.350	45	0.413	90	0.276	135	0.687	180	0.856	225	0.998	270	0.897	315	0.736
1	0.341	46	0.415	91	0.281	136	0.693	181	0.860	226	0.999	271	0.893	316	0.732
2	0.331	47	0.417	92	0.286	137	0.698	182	0.864	227	0.999	272	0.889	317	0.728
3	0.322	48	0.418	93	0.292	138	0.704	183	0.868	228	1.000	273	0.885	318	0.723
4	0.313	49	0.418	94	0.298	139	0.709	184	0.872	229	1.000	274	0.881	319	0.719
5	0.306	50	0.419	95	0.306	140	0.714	185	0.876	230	1.000	275	0.876	320	0.714
6	0.298	51	0.418	96	0.313	141	0.719	186	0.881	231	1.000	276	0.872	321	0.709
7	0.292	52	0.418	97	0.322	142	0.723	187	0.885	232	1.000	277	0.868	322	0.704
8	0.286	53	0.417	98	0.331	143	0.728	188	0.889	233	0.999	278	0.864	323	0.698
9	0.281	54	0.415	99	0.341	144	0.732	189	0.893	234	0.999	279	0.860	324	0.693
10	0.276	55	0.413	100	0.350	145	0.736	190	0.897	235	0.998	280	0.856	325	0.687
11	0.273	56	0.411	101	0.361	146	0.740	191	0.901	236	0.997	281	0.852	326	0.681
12	0.270	57	0.408	102	0.371	147	0.744	192	0.906	237	0.996	282	0.848	327	0.674
13	0.269	58	0.405	103	0.382	148	0.747	193	0.910	238	0.995	283	0.844	328	0.668
14	0.268	59	0.401	104	0.393	149	0.751	194	0.914	239	0.994	284	0.840	329	0.661
15	0.269	60	0.397	105	0.405	150	0.755	195	0.918	240	0.992	285	0.837	330	0.654
16	0.270	61	0.393	106	0.416	151	0.758	196	0.922	241	0.991	286	0.833	331	0.646
17	0.272	62	0.388	107	0.427	152	0.761	197	0.926	242	0.989	287	0.829	332	0.639
18	0.274	63	0.383	108	0.439	153	0.764	198	0.930	243	0.987	288	0.826	333	0.631
19	0.278	64	0.378	109	0.450	154	0.768	199	0.934	244	0.985	289	0.822	334	0.623
20	0.282	65	0.372	110	0.461	155	0.771	200	0.937	245	0.983	290	0.819	335	0.614
21	0.287	66	0.366	111	0.473	156	0.774	201	0.941	246	0.981	291	0.815	336	0.606
22	0.291	67	0.360	112	0.484	157	0.777	202	0.945	247	0.978	292	0.812	337	0.597
23	0.297	68	0.354	113	0.495	158	0.780	203	0.948	248	0.976	293	0.809	338	0.588
24	0.303	69	0.348	114	0.506	159	0.783	204	0.952	249	0.973	294	0.805	339	0.578
25	0.309	70	0.341	115	0.517	160	0.786	205	0.955	250	0.971	295	0.802	340	0.569
26	0.315	71	0.335	116	0.528	161	0.789	206	0.958	251	0.968	296	0.799	341	0.559
27	0.322	72	0.328	117	0.538	162	0.793	207	0.962	252	0.965	297	0.796	342	0.549
28	0.328	73	0.322	118	0.549	163	0.796	208	0.965	253	0.962	298	0.793	343	0.538
29	0.335	74	0.315	119	0.559	164	0.799	209	0.968	254	0.958	299	0.789	344	0.528
30	0.341	75	0.309	120	0.569	165	0.802	210	0.971	255	0.955	300	0.786	345	0.517
31	0.348	76	0.303	121	0.578	166	0.805	211	0.973	256	0.952	301	0.783	346	0.506
32	0.354	77	0.297	122	0.588	167	0.809	212	0.976	257	0.948	302	0.780	347	0.495
33	0.360	78	0.291	123	0.597	168	0.812	213	0.978	258	0.945	303	0.777	348	0.484
34	0.366	79	0.287	124	0.606	169	0.815	214	0.981	259	0.941	304	0.774	349	0.473
35	0.372	80	0.282	125	0.614	170	0.819	215	0.983	260	0.937	305	0.771	350	0.461
36	0.378	81	0.278	126	0.623	171	0.822	216	0.985	261	0.934	306	0.768	351	0.450
37	0.383	82	0.274	127	0.631	172	0.826	217	0.987	262	0.930	307	0.764	352	0.439
38	0.388	83	0.272	128	0.639	173	0.829	218	0.989	263	0.926	308	0.761	353	0.427
39	0.393	84	0.270	129	0.646	174	0.833	219	0.991	264	0.922	309	0.758	354	0.416
40	0.397	85	0.269	130	0.654	175	0.837	220	0.992	265	0.918	310	0.755	355	0.405
41	0.401	86	0.268	131	0.661	176	0.840	221	0.994	266	0.914	311	0.751	356	0.393
42	0.405	87	0.269	132	0.668	177	0.844	222	0.995	267	0.910	312	0.747	357	0.382
43	0.408	88	0.270	133	0.674	178	0.848	223	0.996	268	0.906	313	0.744	358	0.371
44	0.411	89	0.273	134	0.681	179	0.852	224	0.997	269	0.901	314	0.740	359	0.361

Dielectric

Proposal Number	)CA-8745		Figure 2 Sheet 3 of 4
Date	31-May-00		
Call Letters	KPXB	Channel	49
Location	Conroe, TX		
Customer			
Antenna Type	TFU-33JSC-R S200SP		

ELEVATION PATTERN

RMS Gain at Main Lobe	30.00 (14.77 dB)	Beam Tilt	0.75 deg
RMS Gain at Horizontal	15.30 (11.85 dB)	Frequency	683.00 MHz
Calculated / Measured	Calculated	Drawing #	33Y302075



Dielectric

Proposal Number	DCA-8745		
Date	31-May-00		
Call Letters	KPXB	Channel	49
Location	Conroe, TX		
Customer			
Antenna Type	TFU-33JSC-R S200SP		

ELEVATION PATTERN

RMS Gain at Main Lobe	30.00 (14.77 dB)	Beam Tilt	0.75 deg
RMS Gain at Horizontal	15.30 (11.85 dB)	Frequency	683.00 MHz
Calculated / Measured	Calculated	Drawing #	33Y302075-90

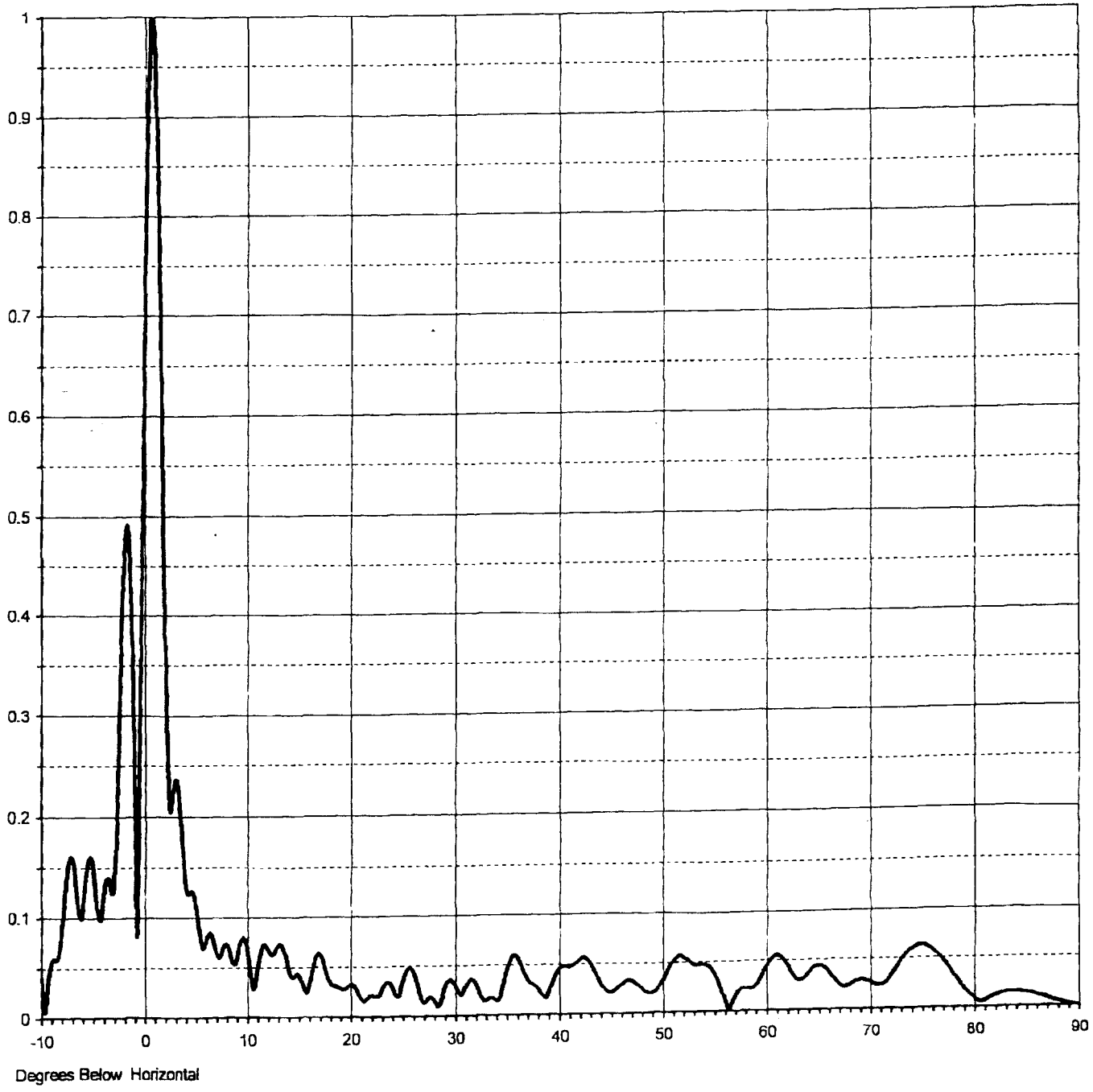
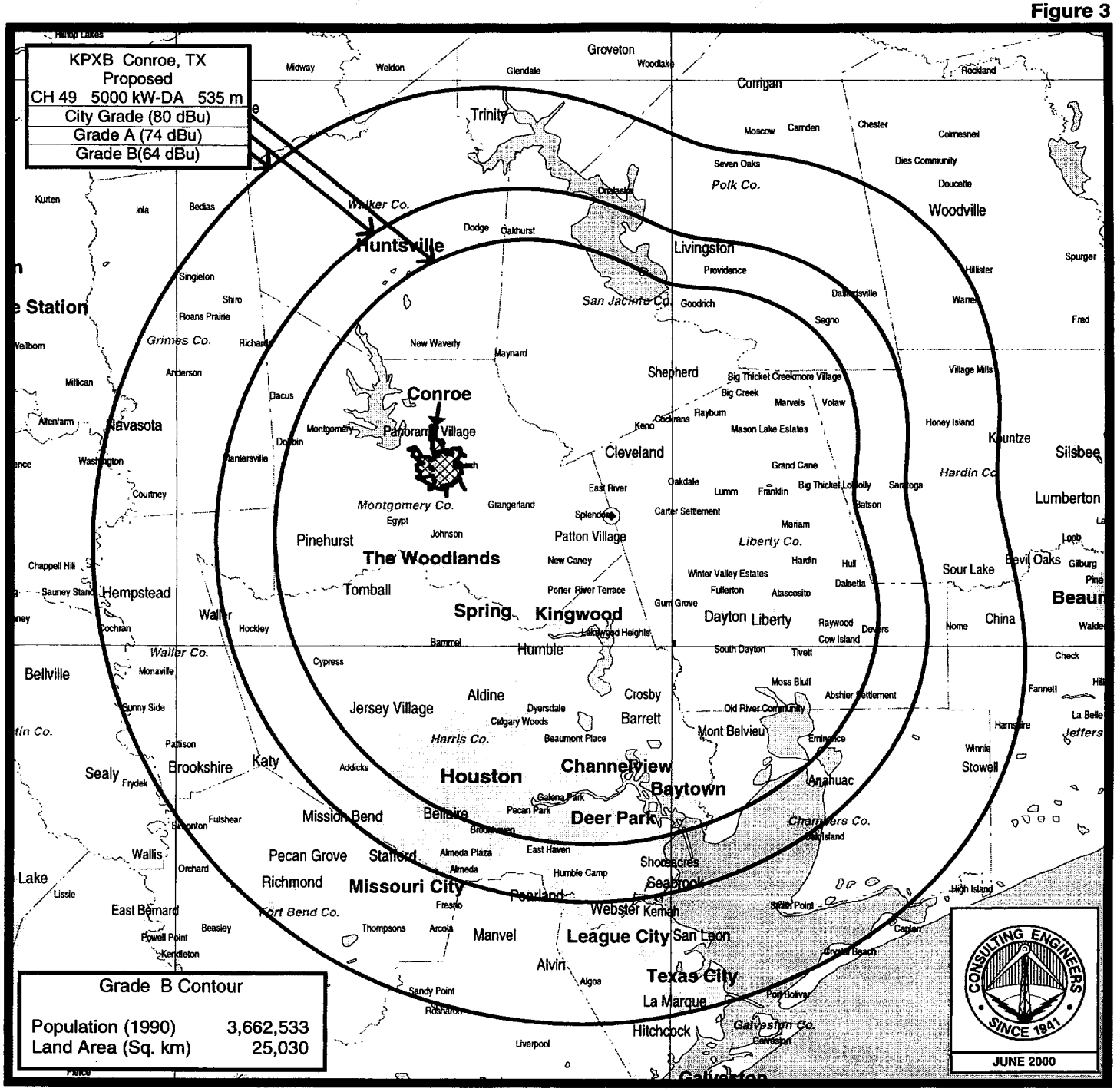


Figure 3



COVERAGE CONTOURS

STATION KPXB
CONROE, TEXAS
CH 49 5000 KW-DA 535 M

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

NTSC-TV -> NTSC-TV Separation Study

Job Title :Proposed KPXB, Conroe, Texas Separation Buffer 100 km
Zone : 3 FCC TV DB
Channel 49 (680-686 MHz) Coordinates : 30-13-53 95-07-26

Call Status	City St	FCC File No.	Channel Zone	ERP(kW) HAAT(m)	Latitude Longitude	Bear. True	Dist. (km)	Req. (km)	
KITU	BEAUMONT		*34(-)	1170 DA	30-10-41	92.6	117.31	119.9	
LIC	TX	BLET-860724KF	III	312	93-54-26		-2.59	SHORT	*1
KPRC-DT	HOUSTON		35	1000	29-34-06	206.2	81.96	24.1/96.6	*2
CP	TX	BPCDT-980717KE	III	585	95-29-57				
DIGITAL TV									
KVVV-DT	BAYTOWN		41	1000 DA	29-34-15	207.0	82.19	24.1/96.6	*2
APP	TX	BPCDT-991101DZ	III	596	95-30-37				
DIGITAL TV									
KXLNTV	ROSENBERG		45(o)	5000 DA	29-33-44	206.7	83.02	31.4	
APP	TX	BMPCT-991021AP	III	594	95-30-35			CLEAR	
KXLNTV	ROSENBERG		45(o)	5000 DA	29-33-25	206.0	83.18	31.4	
CP	TX	BPCT-960628KX	III	439	95-30-04			CLEAR	
KXLNTV	ROSENBERG		45(o)	2190 DA	29-33-25	206.0	83.18	31.4	
LIC	TX	BLCT-870930KY	III	439	95-30-04			CLEAR	
KXLN-DT	ROSENBERG		46	200 DA	29-33-44	206.7	83.02	24.1/96.6	*2
APP	TX	BPCDT-991021CL	III	578	95-30-35				
DIGITAL TV.									
KTMD-DT	GALVESTON		47	400 DA	29-27-56	186.4	85.44	24.1/96.6	*2
APP	TX	BPCDT-991028CO	III	334	95-13-23				
DIGITAL TV; ERP AS SHOWN ON APP.									

*1 : Waiver of short-spacing requested, see text

*2 : No interference caused to DTV based on procedures outlined in FCC OET-69 Bulletin

NTSC-TV -> NTSC-TV Separation Study

Job Title :Proposed KPXB, Conroe, Texas Separation Buffer 100 km
Zone : 3 FCC TV DB
Channel 49 (680-686 MHz) Coordinates : 30-13-53 95-07-26

Call Status	City St	FCC File No.	Channel Zone	ERP(kW) HAAT(m)	Latitude Longitude	Bear. True	Dist. (km)	Req. (km)
KTMD	GALVESTON		48(-)	4900 DA	29-27-57	186.4	85.41	87.7
LIC	TX	BLCT-880128KQ	III	358	95-13-23		-2.29	SHORT *1
KPXB	CONROE		49(+)	4270 DA	30-15-45	286.3	12.37	
LIC	TX	BLCT-930427KE	III	359	95-14-50			
KNVA-DT	AUSTIN		49	500 DA	30-19-33	273.0	257.66	244.6
APP	TX	BPCDT-991025DB	III	396	97-47-58			CLEAR
DIGITAL TV, ERP AS SHOWN ON APPLICATION								
KHSXTV	IRVING		49(o)	5000 DA	32-32-35	326.4	310.10	280.8
APP	TX	BPCT-991019AT	II	519	96-57-32			CLEAR
KHSXTV	IRVING		49(o)	5000 DA	32-35-24	326.7	315.11	280.8
LIC	TX	BLCT-910614KG	II	365	96-58-21			CLEAR
WNTZ-DT	NATCHEZ		49	1000 DA	31-40-08	63.1	364.64	244.6
APP	MS	BPCDT-991027BM	III	313	91-41-30			CLEAR
DIGITAL TV .								
KBMT-DT	BEAUMONT		50	230 DA	30-11-24	91.9	119.14	12/106
APP	TX	BPCDT-991012BM	III	276	93-53-15			CLEAR
DIGITAL TV, ERP AS SHOWN ON APPLICATION								
	COLLEGE STATION		50(-)		30-36-54	290.3	124.80	87.7
ALLOC.	TX	-	III	0	96-20-42			CLEAR
AFFECTED BY THE FREEZE, EFFECTIVE 6-6-88.								
KNWSTV	KATY		51(+)	2290 DA	29-33-40	206.1	82.76	31.4
LIC	TX	BLCT-931104KE	III	500	95-30-04			CLEAR
KNWS-DT	KATY		52	78 DA	29-33-40	206.1	82.76	24.1/96.6 *2
APP	TX	BPCDT-991020BJ	III	470	95-30-04			
DIGITAL TV, ERP AS SHOWN ON APPLICATION								
KETKTV	JACKSONVILLE		56(o)	4570 DA	31-54-20	1.1	185.66	95.7
CP	TX	BPCT-960723LG	III	457	95-05-05			CLEAR

NTSC-TV -> NTSC-TV Separation Study

Job Title :Proposed KPXB, Conroe, Texas Separation Buffer 100 km
Zone : 3 FCC TV DB
Channel 49 (680-686 MHz) Coordinates : 30-13-53 95-07-26

Call Status	City St	FCC File No.	Channel Zone	ERP(kW) HAAT(m)	Latitude Longitude	Bear. True	Dist. (km)	Req. (km)
KAZH	BAYTOWN		57(+)	5000 DA	29-17-56	186.0	103.94	31.4
LIC	TX	BLCT-920207KE	III	585	95-14-11			CLEAR

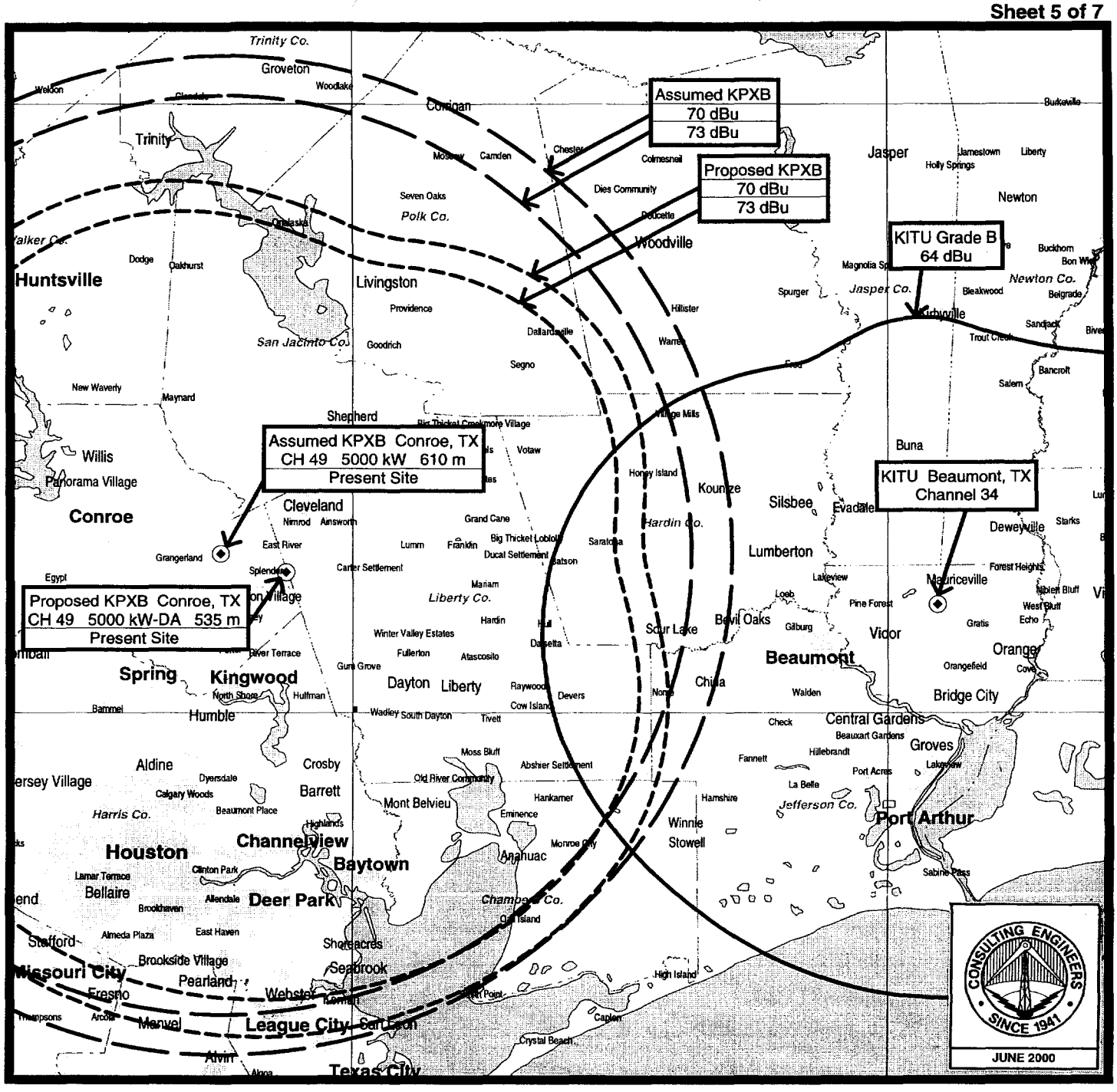
** End of NTSC-TV Separation Study to NTSC-TV Assignments for Channel 49 **

NTSC-TV -> DTV Allotment Separation Study

Job Title :Proposed KPXB, Conroe, Texas — Separation Buffer 100 km
Zone : 3 — FCC DTV DB
Channel 49 (680-686 MHz) — Coordinates : 30-13-53 95-07-26

Call Status	City St FCC File No.	Channel Zone	ERP(kW) HAAT(m)	Latitude Longitude	Bear. True	Dist. (km)	Req. (km)	
DKPRCTV	HOUSTON	35	1000	29-34-06	206.2	81.95	24.1/96.6	*2
DTVALT	TX	III	588	95-29-57				
DKVVV	BAYTOWN	41	144.4	29-17-56	186.0	103.93	24.1/96.6	
DTVALT	TX	III	585	95-14-11			CLEAR	
DKHIM	CONROE	42	155.3	30-13-50	164.6	0.10	24.1/96.6	
DTVALT	TX	III	570	95-07-25			CLEAR	
DKXLNTV	ROSENBERG	46	65.7	29-33-25	206.0	83.17	24.1/96.6	*2
DTVALT	TX	III	439	95-30-04				
DKTMD	GALVESTON	47	168.1	29-27-57	186.4	85.40	24.1/96.6	*2
DTVALT	TX	III	358	95-13-23				
DKNVA	AUSTIN	49	177.6	30-19-33	273.0	257.65	244.6	
DTVALT	TX	III	374	97-47-58			CLEAR	
DKBMT	BEAUMONT	50	1000	30-11-26	91.9	119.32	12/106	
DTVALT	TX	III	305	93-53-08			CLEAR	
DKNWSTV	KATY	52	70.9	29-33-40	206.1	82.75	24.1/96.6	*2
DTVALT	TX	III	500	95-30-04				

** End of NTSC-TV Separation Study to DTV Allotments for Channel 49 **



ALLOCATION STUDY

STATION KPXB
CONROE, TEXAS
CH 49 5000 KW-DA 535 M

du Treil, Lundin & Rackley, Inc. Sarasota, Florida